

Environmental Protection Agency

§ 421.72

§ 421.66 Pretreatment standards for new sources.

Except as provided in 40 CFR 403.7 any new source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources. The mass of wastewater pollutants in secondary copper process wastewater introduced into a POTW shall not exceed the following values: There shall be no discharge of process wastewater pollutants into a publicly owned treatment works.

§ 421.67 [Reserved]

Subpart G—Primary Lead Subcategory

SOURCE: 49 FR 8803, Mar. 8, 1984, unless otherwise noted.

§ 421.70 Applicability: Description of the primary lead subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of lead at primary lead smelters and refineries.

§ 421.71 Specialized definitions.

For the purpose of this subpart the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

§ 421.72 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available:

(a) Subpart G—Sinter Plant Materials Handling Wet Air Pollution Control.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of sinter production	
Lead	594.000	270.000
Zinc	525.000	219.600
Total suspended solids	14,760.000	7,020.000
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(b) Subpart G—Blast Furnace Wet Air Pollution Control.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of blast furnace lead bullion produced	
Lead .....	.000	.000
Zinc .....	.000	.000
Total suspended solids .....	.000	.000
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(c) Subpart G—Blast Furnace Slag Granulation.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of blast furnace lead bullion produced	
Lead	6,155.000	2,798.000
Zinc	5,446.000	2,276.000
Total suspended solids	153,000.000	72,740.000
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(d) Subpart G—Dross Reverberatory Slag Granulation.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of slag, speiss, or matte granulated	
Lead	9,499.000	4,318.000
Zinc	8,405.000	3,512.000
Total suspended solids	236,000.000	112,300.000
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

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(e) Subpart G—Dross Reverberatory Furnace Wet Air Pollution Control.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of dross reverberatory furnace production	
Lead	15,920.000	7,235.000
Zinc	14,080.000	5,884.000
Total suspended solids	395,500.000	188,100.000
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(f) Subpart G—Zinc Fuming Wet Air Pollution Control.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of blast furnace lead bullion produced	
Lead	702.900	319.500
Zinc	622.000	259.900
Total suspended solids	17,470.000	8,307.000
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(g) Subpart G—Hard Lead Refining Slag Granulation.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of hard lead produced	
Lead .....	.000	.000
Zinc .....	.000	.000
Total suspended solids .....	.000	.000
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(h) Subpart G—Hard Lead Refining Air Pollution Control.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of hard lead produced	
Lead	32,730.000	14,880.000
Zinc	28,960.000	12,100.000
Total suspended solids	813,300.000	386,800.000

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BPT EFFLUENT LIMITATIONS—Continued

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(i) Subpart G—Facility Washdown.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of lead bullion produced	
Lead .....	.000	.000
Zinc .....	.000	.000
Total suspended solids .....	.000	.000
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(j) Subpart G—Employee Handwash.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of lead bullion produced	
Lead	5.445	2.475
Zinc	4.818	2.013
Total suspended solids	135.300	64.350
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(k) Subpart G—Respirator Wash.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of lead bullion produced	
Lead	8.745	3.975
Zinc	7.738	3.233
Total suspended solids	217.300	103.400
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(l) Subpart G—Laundering of Uniforms.

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BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of lead bullion produced	
Lead	25.580	11.630
Zinc	22.630	9.455
Total suspended solids	635.500	302.300
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

[49 FR 8803, Mar. 8, 1984; 49 FR 26739, June 29, 1984, as amended at 49 FR 29795, July 24, 1984]

§ 421.73 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable:

(a) Subpart G—Sinter Plant Materials Handling Wet Air Pollution Control.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of sinter production	
Lead	100.800	46.800
Zinc	367.200	151.200

(b) Subpart G—Blast Furnace Wet Air Pollution Control.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of blast furnace lead bullion produced	
Lead .....	.000	.000
Zinc .....	.000	.000

(c) Subpart G—Blast Furnace Slag Granulation.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of blast furnace lead bullion produced	
Lead .....	.000	.000
Zinc .....	.000	.000

(d) Subpart G—Dross Reverberatory Slag Granulation.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of slag, speiss, or matte granulated	
Lead	1,612.000	748.400
Zinc	5,872.000	2,418.000

(e) Subpart G—Dross Reverberatory Furnace Wet Air Pollution Control.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of dross reverberatory furnace production	
Lead .....	.000	.000
Zinc .....	.000	.000

(f) Subpart G—Zinc Fuming Wet Air Pollution Control.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of blast furnace lead bullion produced	
Lead .....	.000	.000
Zinc .....	.000	.000

(g) Subpart G—Hard Lead Refining Slag Granulation.